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IN THE UNITED STATES PATENT AND TRADEMARK OFFICEPatent Application of:
Ingham et al.

Serial No: 08/954,771

Filed: October 20, 1997

For: Vertebrate Embryonic Pattern-
Inducing Proteins and Uses Related
Thereto

Attorney Docket No. HMSU-P11-006

Art Unit: 1646

Examiner: M. Brannock

45/m
H.G.J
12/4/02CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

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November 15, 2002

Date of Signature
and of Mail Deposit
Brent LaBargeCommissioner of Patents
Washington, D.C. 20231Preliminary Amendment

Sir:

Please enter the following amendments:

In the claims:

For the convenience of the Examiner, all claims being examined, whether or not amended, are presented below.

Please cancel, without prejudice, claims 131, 145 and 150.

123. (Twice Amended) A method for promoting one or more of growth, differentiation, and survival of neuronal cells in culture, comprising contacting said cells with an amount of a hedgehog polypeptide at least 80% identical to at least one sequence selected from SEQ ID NO: 8, SEQ ID NO: 11, SEQ ID NO: 12, SEQ ID NO: 13, or an N-terminal fragment of at least 50

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